

09-Aug-05

REPORT OF NAVIGATION CHANNELS

ER 1130-2-

COLUMBIA RIVER - OREGON & WASHINGTONCOTTONWOOD ISLAND LOWER RANGE THROUGH
COLUMBIA CITY CHANNELMinimum depths in each 1/4
width of channel entering from
seaward

Mid-Channel

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet
LOWER DOBELBOWER BAR	05-Jul-05						
Cottonwood Island Lower Range (67.1 - 68.8)		600	1.7	40	40	41	44
Cottonwood Island Turn (68.8 - 69.9)		600	1.1	40	46	45	39
UPPER DOBELBOWER BAR	24-May-05						
Cottonwood Island Turn (69.9 - 71.5)		600	1.6	40	44	43	40
Cottonwood Island Upper Range (71.5 - 72.8)		600	1.3	40	43	44	41
KALAMA BAR	23-May-05						
Cottonwood Island Upper Range (72.8 - 73.1)		600	0.3	40	47	50	59
Kalama Lower Range (73.1 - 74.9)		600	1.8	40	43	43	41
Kalama Upper Range (74.9 - 76.5)		600	1.6	40	41	43	43
LOWER MARTIN BAR	27-Jul-05						
Kalama Upper Range (76.5 - 77.1)		600	0.6	40	39	41	42
Bybee Ledge Channel (77.1 - 79.2)		600	2.1	40	40	42	45
Martin Island Channel (79.2 - 80.3)		600	1.1	40	42	42	42
UPPER MARTIN BAR	11-May-05						
Martin Island Channel (80.3 - 81.2)		600	0.9	40	43	43	42
Martin Island Range (81.2 - 82.6)		600	1.4	40	41	44	43
Columbia City Channel (82.6 - 83.8)		600	1.2	40	40	41	41

ENG Form 4020-R (Nov 1990)

Reference is Navigation Chart No. 18524.

Note: All Depths at Columbia River Datum.

.306
Right Outside Quarter Feet
41
40
41
40
59
35
43
40
43
41
40
41
39

The information shown on this channel statement represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.